

## ANALYTICAL REQUEST SHEET

TEST CODE 100821 SUBMITTER CODE 365000 DATE 10 APR 86  
 SUBMITTER J. Brooks LOCATION EAST NW PHONE 4274

8 MODELS SAMPLE DESCRIPTION/IDENTIFICATION  
SMOKED PUFF/PUFF  
SERIES 0001 - 0017

AEROSOL (TYPE 1)			TOBACCO (TYPE 2)		
M #	METHOD	UNITS	M #	METHOD	UNITS
2	UTPM	mg/cig	1	Nicotine	z
3	Nicotine	mg/cig	2	Total Nitrogen	z
4	Glycerin	mg/cig	3	Nitrate	z
5	Propylene Glycol	mg/cig	4	Reducing Sugar	z
6	Water	mg/cig	5	Total Sugar	z
7	Menthol	mg/cig	6	Ammonia	z
8	Acetic Acid	ug/cig	7	pH	
9	Form/Acetaldehyde	ug/cig	8	Moisture (oven)	z
10	Acetone/Acroleln	ug/cig	9	Chloride	z
11	Propional/Crotonal	ug/cig	10	Ash	z
12	M'acroln/Isovaleral	ug/cig	11	Malic/Oxalic/Citric	z
13	UTPM	mg/puff	12	Glycerin	z
14	Nicotine	mg/puff	13	Propylene Glycol	z
15	Glycerin	mg/puff			
16	Propylene Glycol	mg/puff			
17	Water	mg/puff			
18	Menthol	mg/puff			
19	TEG	mg/cig			
20	TEG	mg/puff			

COMPONENTS, CHEMICAL (TYPE 3)		
1	Moisture (oven)	z
2	Ash	z
3	pH	
4	Nicotine	mg/unit
5	Water	mg/unit
6	Glycerin	mg/unit
7	Propylene Glycol	mg/unit
8	C.H.N	z
9	Oxygen	z
10	Menthol	mg/unit
11	TEG	mg/unit
12	Nicotine	z
13	Water	z
14	Glycerin	z
15	Propylene Glycol	z
16	TEG	z
17	Menthol	z

COMPONENTS, PHYSICAL (TYPE 4)		
1	Real Density	gm/cm <sup>3</sup>
2	Bulk Density	gm/cm <sup>3</sup>
3	Free Flow Density	gm/cm <sup>3</sup>
4	Tap Density	gm/cm <sup>3</sup>
5	Surface Area-Disc, File, M2/gm	
6	N2 Porosity-Disc, File	
7	Tot. Intrusion Vol, Hg cm <sup>3</sup> /gm	
8	Total Pore Area, Hg M2/gm	
9	Med. Pore Dia (Vol)	uM
10	Med. Pore Dia (Area)	uM
11	Av. Pore Dia (4V/A)	uM
12	Particle Size	uM, z
13	Pulp Fiber Size (screen, z)	

4-14-86

ID: 100821

NAME: ZZ365000(0001-0017)

1003

## ANALYSIS

## RESULTS

## AVERAGE

14	(R4 )	.007	.003	.005	.014	
		.028	.063	.159	.176	
		.123	.082	.060	.043	
		.031	.023	.014	.006	
		.001				.049
15	(R4 )	.178	.207	.372	.717	
		.859	1.087	1.821	1.932	
		1.581	1.189	.866	.615	
		.459	.332	.172	.034	
		.000				.731
17	(R4 )	.017	.271	.506	1.391	
		1.692	1.588	1.648	1.426	
		1.439	1.430	.228	.113	
		.076	.027	.012	.000	
		.312				.716

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